## ISSUE SLIP STAPLE AREA (for additional cross references)

| PÇSITIÔN                  | LINITIALS | ID No. | DATE     |  |  |  |  |  |
|---------------------------|-----------|--------|----------|--|--|--|--|--|
| FEE DETERMINATION         |           | •      |          |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | ハミハ       |        | 4/11/01  |  |  |  |  |  |
| FORMALITY REVIEW          | AP I      | 1027   | 04/24/0) |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | Lix       | AUT    | 1-33-11  |  |  |  |  |  |
|                           |           | 7      |          |  |  |  |  |  |

## **INDEX OF CLAIMS**

| • | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

|          | ÷ Restricted 0 Objected |          |          |          |                |          |            |  |              |          |           |          |   |            |          |   |          |   |            |           |           |          |          |          |          |                |            |                         |          |              |          |          |          |          |  |  |
|----------|-------------------------|----------|----------|----------|----------------|----------|------------|--|--------------|----------|-----------|----------|---|------------|----------|---|----------|---|------------|-----------|-----------|----------|----------|----------|----------|----------------|------------|-------------------------|----------|--------------|----------|----------|----------|----------|--|--|
|          | Claim Date              |          |          |          |                |          |            |  | Ctaim Date   |          |           |          |   |            |          |   |          |   | Claim Date |           |           |          |          |          |          |                |            |                         |          |              |          |          |          |          |  |  |
|          | I LINE                  |          |          |          | -              |          | -          |  |              |          |           |          |   | Final      | Original |   |          |   |            |           |           |          |          |          |          | Final          | Original   | 1                       |          |              |          |          |          |          |  |  |
| ·        | ì                       | <u> </u> | V        | Y        | Ŀ              | L        | L          | -  | L            | _        | H         |          | _ | -          | 51<br>52 | _ | -        | Н | Н          | $\dashv$  | $\dashv$  | ┥        |          | +        | ┨        | Н              | 101<br>102 | ╁╴                      | ╁        | Н            | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |  | -  |
| F        | 7                       | 3        | H        | V        | ∤─             | ┢        | $\vdash$   | ╁  | H            | H        | Н         | Н        |   | $\vdash$   | 53       |   | $\vdash$ | Н | Н          | П         | $\dashv$  | ┪        | ┪        | $\vdash$ | 1        | Н              | 103        | +                       | 十        | Н            | П        |          | Н        | П        | П                                      | Н  |
| H        | 7                       | 4        | Н        | V        | ✝              | H        | $\vdash$   | H  | ┢╌           | ļ.       | Н         | Н        |   |            | 54       |   |          |   |            | $\Box$    |           |          |          |          |          |                | 104        | $\perp$                 |          |              |          |          |          |          |  |  |
| £        | -                       | -5       | H        |          |                | Е        | Е          | Е  | Е            | -        | Н         | $\equiv$ | - |            | 55       |   |          |   | Ш          |           |           |          |          |          | ]        |                | 105        | $oldsymbol{\mathbb{L}}$ |          |              |          |          |          |          |  |  |
|          | J                       | 6        | Ц        | $\nu$    |                |          | Ĺ          | L  | Ľ            |          |           |          |   |            | 56       |   |          |   | Ц          | Ш         |           |          |          | $\perp$  | 1        |                | 106        | 1                       | L        |              | Ш        |          |          | Ш        |  | L  |
| Ľ        | 4                       | Ţ        | Ц        | V        | L              | _        | ļ_         | Ļ  | Ļ            | L        |           | Ц        |   | $\vdash$   | 57       | _ |          | H | L          | $\vdash$  |           | _        | 4        | - -      | 4        | _              | 107        | $\bot$                  | ┼        | $oxed{oxed}$ | Н        | Н        | Н        | Н        | Ш                                      | L  |
| 1        | 4                       | 8        | Н        | 1        | ╀_             | ┡        | ⊢          | ⊢  | L            | _        | Н         | Н        |   | <b> </b> - | 58       | _ | _        | Н | _          | $\vdash$  | -         | -        | -        | $\vdash$ | 4        | $\mathbf{H}$   | 108        | +                       | ╄        | -            | Н        | $\vdash$ | $\vdash$ | $\vdash$ |  | H  |
| -        | ┥                       | 10       | H        | V        | <del>] -</del> | ┝        | ┝          | ┝  | ├            | ┝        | Н         | Н        |   | -          | 59<br>60 | H | -        | Н | _          | ┝╌┤       |           | $\dashv$ | -        | $\vdash$ | ┨        |                | 109<br>110 | +-                      | ┼        | -            | Н        | $\vdash$ | $\vdash$ | $\vdash$ | H                                      | ⊢  |
| 土        | 1                       | 11       | Н        | Y        | L              |          | <u> </u>   | <u> </u>   |              |          |           |          |   | H          | 61       |   | ┢        | Н | H          | М         | _         | $\dashv$ | -        | $\vdash$ | ┪        |                | 111        | +-                      | ╁┈       | $\vdash$     | H        | Н        | Н        | $\vdash$ | Н                                      | -  |
| }        | 7                       | 12       | Ħ        |          | ₹              |          | F          | Ε  | Н            | Н        | Н         | Н        |   |            | 62       |   | T        | П |            | $\Box$    |           | 7        |          |          | 1        | -              | 112        | +-                      | 1        | $\vdash$     |          |          | П        | П        | П                                      | Г  |
| ┢        |                         | 13       | V        | V        | 1              | Г        |            | $\vdash$   | _            | Г        |           |          |   |            | 63       | Г | Τ        | П |            |           |           | ╗        |          |          | 1        | П              | 113        | T                       |          |              | П        | П        |          |          | П                                      |  |
| Ī        |                         | 14       |          |          |                |          |            |  |              |          |           |          |   |            | 64       |   |          |   |            |           |           |          |          |          | ]        | _              | 114        | L                       |          |              |          |          |          |          |  |  |
|          |                         | 15       |          |          | L              |          |            |  | L            | L        |           |          |   |            | 65       |   | L        |   |            |           |           |          |          |          | 1        |                | 115        | 1                       | _        |              | Ц        | Ш        | Ш        | Ш        |  | _  |
| L        |                         | 16       | L        | Ŀ        | L              | L        | L          | L  | L            | 乚        | L         | Ц        |   | L          | 66       |   | L        | Щ | _          | Ш         |           | <u>.</u> | _        | oxdot    | 4        |                | 116        | 4                       | ↓_       |              | Ш        |          | Ь        | Ш        |  | <u> </u>   |
| ⊢        | _                       | 17       | L        | ┡        | ┞              | ├-       | ļ.,        | ┞-   | ⊢            | ┡        | L         | Щ        |   | <u> </u>   | 67       | - | <u> </u> |   | L          | Н         | Н         | $\dashv$ | _        | ⊢-       | 4        |                | 117<br>118 | +                       | ╀-       | -            | Н        | $\vdash$ | H        | Н        | Н                                      | ┡  |
| ┝        | _                       | 18<br>19 | L        | ⊢        | ⊢              | ┝        | ┝          | ⊢  | ⊢            | ⊢        | H         | Н        |   | -          | 68<br>69 | ╟ | ⊢        | Н | -          | Н         |           | -        | -        |          | ┨        |                | 119        | +                       | ╁        | H            | Н        | Н        | Н        | Н        | Н                                      | ⊦  |
| -        | _                       | _        | ┝        | ⊢        | ┝              | ┢        | ╁          | ⊢  | ⊢            | ⊢        | H         | Н        |   | $\vdash$   | 70       | ╟ | ├        |   | H          | $\vdash$  |           |          |          | $\vdash$ | ┨        | _              | 120        | ╅                       | ╁╌       | Н            | Н        | Н        | Н        |          | Н                                      | ⊢  |
| ⊢        | _                       | 20       | H        | Ͱ        | ┝              | ┝        | ┝          | Ͱ  | ⊬            | ⊢        | H         | Н        |   | -          | 71       | - | -        | - | <u> </u>   | $\vdash$  | $\dashv$  | $\dashv$ | $\dashv$ | $\vdash$ | ┨        | $\vdash$       | 121        | ┿                       | ╁        | H            | Н        | $\vdash$ | Н        | Н        | -                                      | ⊢  |
| $\vdash$ |                         | 21<br>22 | ┝        | ┝        | ╁              | ┢        | ⊢          | $\vdash$   | ┢╌           | ⊢        | -         | Н        |   | -          | 72       |   | $\vdash$ | Н | -          |           | -         | $\dashv$ | -        |          | ┨        | -              | 122        | ╁                       | +        | H            | Н        |          | $\vdash$ | Н        | Н                                      | ┢  |
| ļ,       |                         | 23       | ┢╌       | +-       | ╁╌             | ┢        | ╁╴         | ╁  | ┢╌           | ┢        | $\vdash$  | Н        |   | Н          | 73       | _ | Н        | - |            |           |           | ┪        | _        | -        | 1        |                | 123        | +                       | +        | H            | М        | $\Box$   | $\Box$   | П        | г                                      | <del>                                     </del> |
| ۴        |                         | 24       | Н        | H        | Н              | $\vdash$ | ┢          | H  | T            | H        |           | Н        |   |            | 74       |   |          |   | _          | $\sqcap$  |           | ヿ        |          |          | 1        |                | 124        | $\top$                  | 十        |              | П        |          |          | П        | Г                                      | Г  |
| i        | 7                       | 25       |          | 1        | Γ              | Г        | Г          | Г  | $\vdash$     | Г        |           | П        |   | П          | 75       |   |          |   |            |           |           | コ        |          |          |          |                | 125        |                         |          |              |          |          |          |          |  |  |
| 1        |                         | 26       |          |          |                |          | $\Box$     |  | oxdot        |          |           |          |   |            | 76       |   |          |   |            |           |           |          |          |          | ]        |                | 126        | $\perp$                 |          |              |          |          |          | Ш        |  |  |
| L        |                         | 27       | L        |          | L              | L        | L          | L  |              |          |           | Ц        |   | $oxed{L}$  | 77       |   |          |   | L          | Ш         |           | _        | _        | $\vdash$ | 4        |                | 127        | 4                       | ╙        |              |          |          | Щ        | Ш        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | L  |
| L        |                         | 28       |          | L        | Ŀ              | Ļ        | L          | L  | ╙            | L        | Ц         | Ц        |   | $\vdash$   | 78       |   | Ļ.       | Щ | ļ          | $\sqcup$  | _         | _        |          | $\perp$  | 4        |                | 128        | 4-                      | ╄-       |              | Ш        | $\dashv$ | $\vdash$ | Щ        | Щ                                      | <u> </u>   |
| ┝        | _                       | 29       | <u> </u> | L        | ┞              | ļ.,      | ┡          | -  | ⊢            | ⊢        | Н         | Н        |   | $\vdash$   | 79       | _ |          | Щ |            | $\vdash$  |           | -        |          |          | 4        | -              | 129<br>130 | +                       | ╀        | H            | Н        | $\dashv$ | Н        | Н        |  | ┝  |
| ⊢        | _                       | 30<br>31 | ┡        | -        | ⊢              | ⊢        | ⊢          | ⊢  | ⊢            | ⊢        | Н         | $\dashv$ |   | Н          | 80<br>81 |   | ⊢        | Н |            |           | $\dashv$  | -        | -        |          | ┨        |                | 131        | ┿                       | ╁        | $\vdash$     | $\vdash$ | -        | Н        | $\vdash$ | Н                                      | -  |
| ┢        | _                       | 32       |          | ├        | -              | $\vdash$ | ⊢          | ⊢  | ⊢            | $\vdash$ | Н         | Н        |   | Н          | 82       |   | Н        | Н | Н          | $\dashv$  | ᅥ         | -        | -        |          | ┨        |                | 132        | ╁                       | ╁╴       | -            | Н        | $\dashv$ |          | Н        |  | -  |
| F        |                         | 33       | ┝        | ┢        | ┢              | ┢        |            | <del>                                     </del> | ┢            | -        | Н         | Н        |   |            | 83       |   |          | Н | Н          | $\neg$    | ┪         | ┪        | $\neg$   | -        | 1        |                | 133        | +                       | †-       | Н            |          |          | П        | П        | П                                      | Т  |
| $\vdash$ | _                       | 34       | Ι        | T        | $\vdash$       | Т        | Т          | Т  | Г            | Т        | Н         | $\dashv$ |   | -          | 84       |   |          |   | П          | ╛         | ᅦ         | ┪        | ╗        |          | 1        |                | 134        | $\top$                  | 1        | М            | П        | T        | $\Box$   | $\Box$   |  |  |
|          |                         | 35       |          |          |                |          |            |  |              |          |           |          |   |            | 85       |   |          |   |            |           |           |          |          |          | ]        |                | 135        | Γ                       |          |              |          |          |          |          |  | Г  |
|          | _                       | 36       |          | L        |                |          | $\Box$     |  |              |          | $\square$ |          |   |            | 86       |   |          |   | Ш          | $\Box$    |           | $\Box$   | $\Box$   | Щ        | 1        |                | 136        | $\perp$                 | L        | Ц            |          |          |          | Ц        |  | L  |
| L.       |                         | 37       | Ĺ        | Ĺ        | Ĺ              | L        | L          | L  | L            | L        | Ц         | Ц        |   |            | 87       |   | L.       |   | Щ          | $\square$ | _         | _        | _        | 4        | 1        |                | 137        | $\bot$                  | $\vdash$ | Ц            | Щ        | _        | $\sqcup$ | ┟╌┨      | $\vdash$                               | $\vdash$   |
| $\vdash$ | -                       | 38       | _        | Ļ        | <b> </b>       | <b>⊢</b> | L.         | <u> </u>   | L            | 1        | Н         | Ц        |   | Н          | 88       |   | $\vdash$ | Ц | Щ          | $\dashv$  | 4         | 4        | 4        | +        | 4        | -              | 138        | +-                      | +-       | Н            | $\dashv$ | $\dashv$ | Н        | $\vdash$ | Н                                      | $\vdash$   |
| $\vdash$ |                         | 39       | <u> </u> | 1        | -              | $\vdash$ | <u>-</u> - | -  | <del> </del> | -        | Н         | Н        |   | Н          | 89<br>90 | _ | $\vdash$ | Н | Н          | $\dashv$  | $\dashv$  | -        | $\dashv$ | +        | -        | $\blacksquare$ | 139        | +-                      | +-       | Н            | Н        | $\dashv$ | $\dashv$ | $\vdash$ | Н                                      | -  |
| $\vdash$ | _                       | 40<br>41 | _        | -        | <b> </b>       | ├        | ⊢          | $\vdash$   | $\vdash$     | $\vdash$ | Н         | $\dashv$ |   | Н          | 90<br>91 |   | $\vdash$ | Н | Н          | $\dashv$  | $\dashv$  |          |          | +        | $\dashv$ | $\vdash$       | 140<br>141 | ╁                       | ╁        | Н            | $\vdash$ | $\dashv$ | -        | $\dashv$ | Н                                      | -  |
| $\vdash$ |                         | 41<br>12 |          | ⊢        | -              | -        | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | Н         | 니        |   | Н          | 92       | _ | $\vdash$ | Н | $\vdash$   | $\dashv$  | $\dashv$  | $\dashv$ | ┥        | +        | -        |                | 142        | +                       | ╁        | Н            | $\dashv$ | $\dashv$ | $\dashv$ |          | Н                                      | $\vdash$   |
| -        | +;                      | 43       | _        | -        | ├              | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | Н         | Н        |   | H          | 93       |   | $\vdash$ | Н | Н          | $\dashv$  | ᅱ         | ┥        | $\dashv$ | +        | 1        | Н              | 143        | ╁                       | ╁╌       | H            | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | H                                      | ┢  |
| $\vdash$ | _                       | 44       |          | $\vdash$ | -              | $\vdash$ | $\vdash$   | H  | $\vdash$     | $\vdash$ | Н         | Н        |   | Н          | 94       |   | Н        | Н | H          | $\dashv$  | $\dashv$  | ၂        | -        | -        | 1        | _              | 144        | $\top$                  | t        | Н            | Н        | $\neg$   | П        | П        | П                                      | Т  |
| $\vdash$ |                         | 45       |          | $\vdash$ | Н              | Т        | H          | Т  | Т            | Н        | H         | $\dashv$ |   | Н          | 95       | + | Н        | H | П          | $\dashv$  | $\exists$ | 一        | $\neg$   | $\vdash$ | 1        |                | 145        | +                       | T        | Н            | П        | $\dashv$ | $\Box$   |          |  |  |
|          | 7                       | 46       |          |          | Г              |          |            |  |              |          | П         |          |   |            | 96       |   |          |   |            |           |           |          |          |          | ]        |                | 146        | I                       | Γ        |              |          |          |          |          |  |  |
|          |                         | 47       |          |          |                |          |            |  |              |          |           |          |   |            | 97       |   |          |   |            |           |           |          |          |          | ]        |                | 147        |                         |          |              |          |          |          |          |  | 匚  |
|          |                         | 48       |          |          |                |          |            |  |              |          |           |          |   |            | 98       |   |          |   | Ц          | $\Box$    | $\Box$    | _]       | $\Box$   |          | 1        |                | 148        | $\perp$                 | 匚        | Ц            |          |          |          | Щ        |  | Ĺ  |
| $\vdash$ |                         | 49       |          | <u> </u> | <u> </u>       | ļ        | L          | <u> </u> _                                       | <u> </u>     | <u> </u> | Ц         | Ц        |   | Ш          | 99       | L | ļ.,      | Щ | Н          | $\dashv$  | 4         | 4        | _        | $\vdash$ | 4        | Н              | 148        | +-                      | ↓_       | Щ            | ႕        | _        | Щ        | Щ        | <b> </b>                               | $\vdash$   |
| L        | Ŀ                       | 50       |          | <u> </u> |                | ᆫ        | Ц_         | Ц  | _            | ட        | Ш         | Ш        |   | $\Box$     | 100      |   | ட        |   |            |           | _         |          |          | Ц.       | Ĺ        | لــا           | 150        |                         | ┺        | ш            | ш        | لب       |          | $\sqcup$ | ш                                      | Ц_   |

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